

CLASS D14, RECORDING, COMMUNICATION, OR INFORMATION RETRIEVAL EQUIPMENT

SECTION I - CLASS DEFINITION

This class provides for design patents claiming ornamental designs for:

1. Computer, Data Processor Equipment
2. Facsimile Equipment
3. Telegraph Equipment
4. Recording Medium or Carrier Therefor
5. Generated Image
6. Video or Audio Recording, Transmission or Playing Equipment
7. Miscellaneous

- (1) Note. Design patents in this class are classified by what is claimed and shown in full lines only. Broken, hatched, or stippled lines, which may be included in design patent drawings, are considered as environment only.

SECTION II - REFERENCES TO OTHER CLASSES

SEE OR SEARCH CLASS:

- D3, Travel Goods and Personal Belongings, subclass 218 for belt attached carrier or holder for audio or communications equipment.
- D6, Furnishings, for computer furniture including chair, desk, or work surface; subclasses 407 through 635 for audio-visual or information recording media storage cabinet or container; subclass 467 for remote control holder.
- D8, Tools and Hardware, subclasses 307 through 312 for knob combined with escutcheon for radio or television.
- D10, Measuring, Testing, or Signalling Instruments, subclasses 61-73 for graphic recorder; subclass 105 for lightning conductor or arrestor; subclasses 40-45 for timer; subclasses 46-121 for instrument or meter type apparatus for measuring or testing.

- D13, Equipment for Production, Distribution, or Transformation of Energy, subclass 101 for laser or maser; subclasses 133-157 for electrical connector; subclass 168 for generic type, hand-held remote control; subclass 180 for electron tube; subclass 182 for transistor, semiconductor, or integrated circuit.
- D15, Machines Not Elsewhere Specified, subclass 144.2 for soldering iron.
- D16, Photography and Optical Equipment, subclass 134 for film camera lens; subclass 135 for television type magnifying lens; subclasses 205-207 for cinematic apparatus; subclasses 200-229 for photographic or cinematic apparatus.
- D18, Printing and Office Machinery, subclasses 1 through 12 for word processor or typewriter; subclasses 4.4-4.6 for point-of-sale terminal; subclasses 6-11 for calculator; subclasses 24-33 for type font or display character subclasses 46-49 for document handler (e.g., sorter, feeder or receiver); subclasses 47-48, for sheet or copy sorter; subclasses 50-55 for computer printer, printing machine, or press.
- D21, Games, Toys, and Sports Goods, subclass 515 for toy computer or television; subclass 516 for toy phonograph, radio, tape or disc player; subclass 517 for toy telephone or communication equipment.
- D23, Environmental Heating and Cooling; Fluid Handling and Sanitary Equipment, subclasses 370 through 384 for fan.
- D24, Medical and Laboratory Equipment, subclasses 107 through 213 for medical diagnosis or analysis equipment.
- D26, Lighting, subclasses 2 through 5 for incandescent lamp.
- D34, Material or Article Handling Equipment, subclasses 12 through 27 for cart for television.
- D99, Miscellaneous, subclass 28 for bank transaction terminal.

SUBCLASSES

- 140 Telephone equipment:**
This subclass is indented under subclass 496. Design for system for transmitting sound communication, normally speech, to another location via wire, cord or radio.

SEE OR SEARCH THIS CLASS, SUBCLASS:

230 through 238, for antenna.

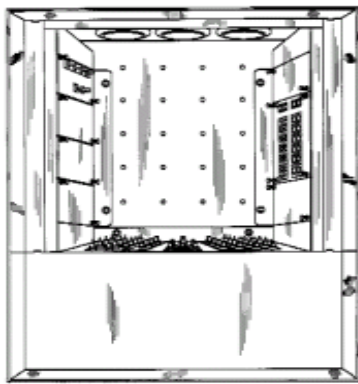
240 through 256 , for telephone accessory or element.

SEE OR SEARCH CLASS:

379, Telephonic Communications, subclass 20 for equipment to measure switchboard element condition; subclass 84 for message storage on switchboard; subclass 313 for multiple section switchboard; subclasses 319 and 320 for single switchboard circuit; subclass 333 for trunk selector.

140.1 Signal processor type:

This subclass is indented under subclass 140. Design for equipment for central processing of telephone communication that connects, controls or processes telephone signals from distant terminals.



Example of a design for a telephone mainframe or central processing unit.

SEE OR SEARCH THIS CLASS, SUBCLASS:

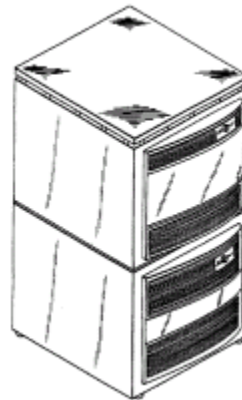
230 through 238, for antenna.
301 through 313, for computer mainframe equipment.
314 through 340, for desk top terminal.
356 through 461, for peripheral computer equipment including monitor, keypad and keyboard.

SEE OR SEARCH CLASS:

D13, Equipment for Production Distribution, or Transformation of Energy, subclass 184 for generic electrical casings.

140.2 Freestanding console or cabinet:

This subclass is indented under subclass 140.1. Design for enclosed, stand-alone type telephone equipment that includes a permanent or defined work area for standing or seated operator.



Example of a design for a freestanding telephone console or cabinet.

(1) Note. Includes base transceiver cabinet type unit.

SEE OR SEARCH THIS CLASS, SUBCLASS:

314 through 340, for desk top computer or terminal.

140.3 And vertical louver or detail:

This subclass is indented under subclass 140.2. Design that shows upright slat type openings or other significant detail placed perpendicular to the base.



Example of a handheld design for a telephone console cabinet with a vertical louver or detail.

(1) Note. Excludes door or panel.

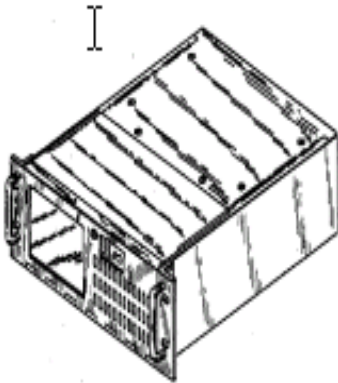
SEE OR SEARCH THIS CLASS, SUB-CLASS:

312, for computer mainframe cabinet with vertical louver or detail.

240.1, for door or panel.

140.4 Rack mounted or stacked type:

This subclass is indented under subclass 140.2. Design for module that shows a provision for attaching to a frame type support structure or can be placed or positioned on top of similar type modules.



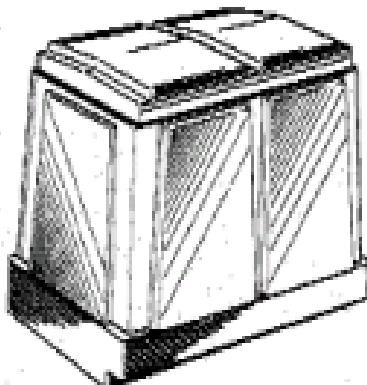
Example of a design for a rack mounted or stacked type telephone mainframe module.

SEE OR SEARCH THIS CLASS, SUB-CLASS:

313, for rack mounted or stacked type computer mainframe equipment.

140.5 Pedestal or exterior type:

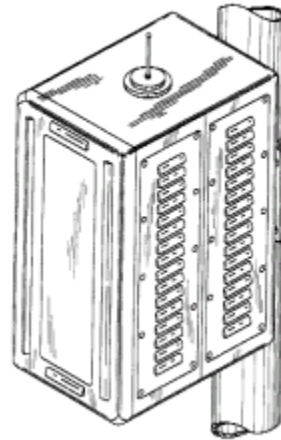
Design under subclass under subclass 140.2 for equipment for outdoor installation.



Example of a design for a pedestal type telephone module.

140.6 Pole mounted:

This subclass is indented under subclass 140.5. Design that can be attached to a telephone pole.



Example of a design for a pole mounted telephone module.

SEE OR SEARCH THIS CLASS, SUB-CLASS:

230 through 238, for antenna

SEE OR SEARCH CLASS:

D25, Building Units and Construction Elements, subclasses 126 through 132 for post or beam.

140.7 Switchboard or multiple line access:

This subclass is indented under subclass 140.1. Design for freestanding or desktop unit that includes switches for manually routing telephone or connections.



Example of a design for a telephone switchboard.

SEE OR SEARCH THIS CLASS, SUB-CLASS:

140.2, for fully enclosed freestanding telephone switch type cabinet.

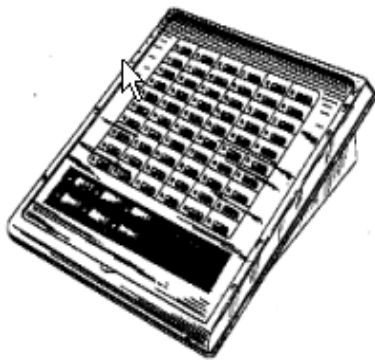
SEE OR SEARCH CLASS:

361, Electricity: Electrical Systems and Devices, subclasses 627 and 823 for switchboard connector.

379, Telephonic Communications, subclass 20 for equipment to measure switchboard element condition; subclass 84 for message storage at switchboard; subclass 242 for centralized switching system; subclass 308 for switching apparatus; subclass 313 for multiple section switchboard; 319 and 320 for single switchboard circuit; subclass 333 for trunk selector.

140.8 Desktop type:

This subclass is indented under subclass 140.7. Design for telephone switchboard device designed to be placed on a table type surface.



Example of a design for a desktop type telephone switchboard.

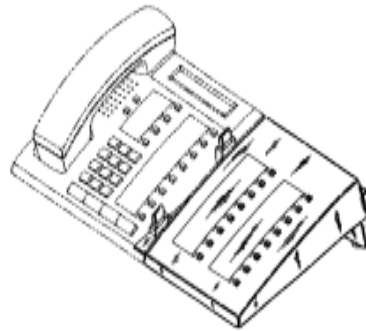
- (1) Note. If a design includes a provision for placing or receiving telephone calls it is classified as a telephone.

SEE OR SEARCH CLASS:

D6, Furnishings, for computer furniture including chair, desk or work surface.

140.9 With provision for telephone set attachment:

This subclass is indented under subclass 140.8. Design for small telephone switchboard device designed to be attached or connected to a telephone set or base unit.

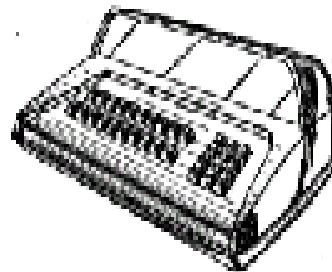


Example of a desktop switchboard with a provision for telephone set.

- (1) Note. If a design includes a provision for dialing or call making it is classified as a telephone.

140.11 Includes screen:

This subclass is indented under subclass 140.8. Design that includes a display area for information.

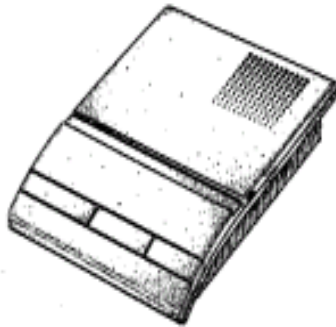


Example of a design for a desktop type telephone switchboard that includes a screen.

- (1) Note. Excludes label area for individual buttons.

141.1 Answering machine:

This subclass is indented under subclass 140.
Design for device that automatically records and plays telephone messages.



Example of a design for a telephone answering machine.

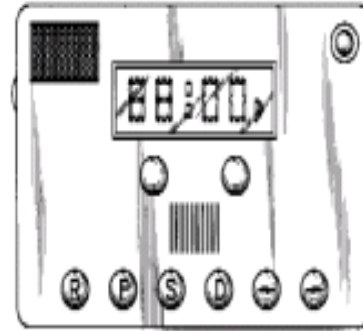
- (1) Note. If a design for an answering machine includes both a base unit and a headset it is classified as a telephone.
- (2) Note. Includes LCD display.

SEE OR SEARCH CLASS:

- 348, Television, subclass 14.06 for answering machine.
- 379, Telephonic Communications, subclass 67.1 for answering machine; subclass 902, Cross Reference Art Collection for patents relating to auto-switch devices for incoming voice data.

141.2 Includes screen:

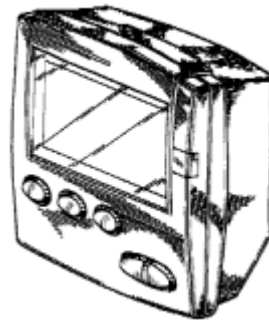
This subclass is indented under subclass 141.
Design that includes a display area for information.



Example of a design for a telephone answering machine with screen.

141.3 Caller Identification machine:

This subclass is indented under subclass 140.
Design that indicates information pertaining to the source of a recovered call.



Example of a design for a telephone caller identification machine.

SEE OR SEARCH THIS CLASS, SUB-CLASS:

191, for paging device.

SEE OR SEARCH CLASS:

- 379, Telephonic Communications, subclasses 88.19 through 88.21 for caller identification equipment.
- 455, Telecommunications, subclass 415 for radiotelephone type caller identification equipment.

301 Mainframe, central processing, or server type:

This subclass is indented under the class definition.
Design for large, powerful computer serving connected, distant terminals or central

- processing unit exclusive of peripheral and remote devices.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
 314 through 340, for desktop terminal.
 356 through 461, for peripheral computer equipment including monitor, keypad and keyboard.
 361 through 369, for tape or disc drive.
- SEE OR SEARCH CLASS:
 D18, Printing and Office Machinery, subclasses 4.4 through 4.6 for point-of-sale terminal; subclasses 6-11 for calculator.
- 302 Freestanding console:**
 This subclass is indented under subclass 301. Design that includes a permanent or defined work area for standing or seated operator.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
 314 through 340, for desktop type computer or terminal.
- 303 And paper printout:**
 This subclass is indented under subclass 302. Design that includes equipment for hard copy or printed data.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
 359, 360, for paper tape apparatus.
- 304 Provision for seated operator:**
 This subclass is indented under subclass 302. Design that provides a defined work area that includes knee space.
- SEE OR SEARCH CLASS:
 D6, Furnishings, for computer furniture including chair, desk, or work surface.
- 305 And Monitor:**
 This subclass is indented under subclass 304. Design that includes screen display or receiver:
- 306 Plural:**
 This subclass is indented under subclass 305. Design that includes two or more monitors or screen type receivers.
- 307 And Monitor:**
 This subclass is indented under subclass 302. Design that includes screen display or receiver:
- 308 Cabinet:**
 This subclass is indented under subclass 301. Design for enclosed mainframe equipment or server that does not include a defined area for operator.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
 313, for rack mounted or stacked module.
- 309 Drum unit:**
 This subclass is indented under subclass 308. Design for housing the memory for a computer that includes a barrel-shape core.
- 310 Plural identical units:**
 This subclass is indented under subclass 308. Design with duplicate or repeating cabinets or housing units that are substantially identical.
- 311 And horizontal louver detail:**
 This subclass is indented under subclass 308. Design that includes slat type openings placed parallel to the base.
- 312 And vertical louver detail:**
 This subclass is indented under subclass 308. Design that includes upright slat type openings placed perpendicular to the base.
- 313 Rack mounted or stacked type:**
 This subclass is indented under subclass 301. Design for module that attach to a mainframe support or stacked on top of one another.
- 314 Desktop type:**
 This subclass is indented under subclass 300. Design for small computer or computer terminal designed to be placed upon a desk or other work surface.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
 300 through 313, for mainframe computer.
 341 through 347, for pocket computer.
 355 through 433, for peripheral unit including monitor or keyboard.

- 315 Laptop type:**
This subclass is indented under subclass 314.
Design for microcomputer that is portable, small enough for use with a user's lap, and folds into a compact position.
- 316 Swivel display support:**
This subclass is indented under subclass 315.
Design that includes a screen display or receiver that twists, pivots, or adjusts from side to side.
- 317 Combined with camera:**
This subclass is indented under subclass 315.
Design that includes an optical lens member.

SEE OR SEARCH CLASS:
D16, Photography and Optical Equipment, subclass 134 for film camera lens; subclasses 200-229 for photographic or cinematic apparatus.
- 318 And touch type cursor pad:**
This subclass is indented under subclass 315.
Design that includes a control wherein movement of a finger tip controls the placement of the cursor member.
- 319 Provision for compact disc (e.g., CD-ROM, etc.):**
This subclass is indented under subclass 315.
Design that includes a built-in drive for CD-ROM.
- 320 Distended or keyboard type compartment:**
This subclass is indented under subclass 315.
Design that permits the set of key members or key pad to slide or lift from the body of the design.
- 321 Front loading:**
This subclass is indented under subclass 315.
Design that accepts a floppy disk from a panel of the design facing the user.
- 322 Screen attached at rear edge:**
This subclass is indented under subclass 321.
Design wherein the folding display area hinges or attaches to the body of the design at the back edge of the body.
- 323 Side loading:**
This subclass is indented under subclass 315.
Design that accepts a floppy disk from a panel on either the left or right ends of the design with respect to the user.
- 324 And handle or extending support or foot member:**
This subclass is indented under subclass 323.
Design with a carrying member or a support brace that distends from the body of the design.
- 325 And trackball:**
This subclass is indented under subclass 323.
Design that includes a spherical member that is rolled against the hand to place the cursor.

SEE OR SEARCH THIS CLASS, SUB-CLASS:
417, for trackball.
- 326 Screen attached at rear edge:**
This subclass is indented under subclass 323.
Design wherein the folding display area hinges or attaches to the body of the design at the back edge of the body.
- 327 Screen attached at rear edge:**
This subclass is indented under subclass 315.
Design wherein the folding display area hinges or attaches to the body of the design at the back edge of the body.
- 328 And handle or carrying means:**
This subclass is indented under subclass 314.
Design that includes a member or support for lifting by the hand.
- 329 And handset or acoustic coupler:**
This subclass is indented under subclass 314.
Design that includes a handle-shaped part of a telephone that contains a receiver and transmitter or a modem.

(1) Note. Design must include a computer type display member.

SEE OR SEARCH THIS CLASS, SUB-CLASS:
242, for modem or acoustic coupler or data set.

- 330 Acoustic coupler:**
This subclass is indented under subclass 329.
Design that includes a modem only.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
242, for modem or acoustic coupler or data set.
- 331 Separable, sliding, or folding keyboard:**
This subclass is indented under subclass 314.
Design that includes a set of keys for typing that may be removed from the body of the design or that folds into a compact position.
- 332 And printing means:**
This subclass is indented under subclass 314.
Design that includes means to produce hard copy or print.
- 333 And standard keyboard:**
This subclass is indented under subclass 314.
Design that includes a conventional typewriter key arrangement for typing.
- 334 And display:**
This subclass is indented under subclass 333.
Design that includes a screen or screen type receiver.
- 335 And monitor:**
This subclass is indented under subclass 334.
Design that includes a full-size screen type receiver.
- 336 Monitor type (e.g., without keyboard, etc.):**
This subclass is indented under subclass 314.
Design that includes a full-size screen type receiver.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
371 through 382, for monitor.
- 337 And provision for disk drive:**
This subclass is indented under subclass 336.
Design that includes a disk drive.
- 338 Keypad type:**
This subclass is indented under subclass 314.
Design that includes key members in an arrangement unlike that of a standard typing keyboard.
- 339 And display:**
This subclass is indented under subclass 338.
Design that includes a screen or screen type receiver.
- 340 And monitor:**
This subclass is indented under subclass 339.
Design that includes a full-size screen type receiver.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
371 through 382, for monitor.
- 341 Pocket type:**
This subclass is indented under subclass 300.
Design for small portable computer that is hand held or attached to the body.
- (1) Note. Must be a complete integral unit.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
315 through 327, for laptop.
426 through 431, for hand-held scanner.
- SEE OR SEARCH CLASS:
D19, Office Supplies: Artists and Teachers Materials, subclasses 26 through 31 for electronic book, speller, or dictionary.
- 342 And stylus or provision therefor:**
This subclass is indented under subclass 341.
Design with pen type apparatus for entering data.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
432, for stylus type bar code reader or scanner.
- 343 And antenna:**
This subclass is indented under subclass 341.
Design with projecting aerial for sending or receiving transmitted data.
- 344 Wrist or body attached:**
This subclass is indented under subclass 341.
Design with provision to attach between the hand and arm or other portion of the body.

- SEE OR SEARCH THIS CLASS, SUB-CLASS:
 426 through 313, for hand held scanner or bar code reader.
 427, for hand or finger attached scanner.
- 345 Folding or integral cover:**
 This subclass is indented under subclass 341.
 Design that shows plural elements that fold into a compact size, or includes a lid or top member.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
 315 through 327, for laptop type computer.
- 346 And keypad:**
 This subclass is indented under subclass 341.
 Design that includes an array of key members.
- 347 Housing flared at one end:**
 This subclass is indented under subclass 346.
 Design wherein the body of the design narrows at the center or is wider at one end than at the center.
- 348 Hard drive for personal computer:**
 This subclass is indented under subclass 300.
 Design for desktop type personal microcomputer mainframe.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
 361, 362, for tape reader or drive.
 363 through 369, for disc drive.
- 349 Tower type:**
 This subclass is indented under subclass 348.
 Design for desktop type personal microcomputer mainframe that rests on the narrow side and the height is greater than the width.
- 350 And wheels:**
 This subclass is indented under subclass 349.
 Design that includes wheel members.
- 351 Flared or protruding base:**
 This subclass is indented under subclass 349.
 Design wherein the edge that rests on the floor surface is wider than the top of the design.
- 352 Footed (e.g., extended foot members, etc.):**
 This subclass is indented under subclass 351.
 Design that includes small support members that extend outwardly from the base or bottom of the housing.
- 353 Housing includes texture:**
 This subclass is indented under subclass 348.
 Design that has areas of different ornamental finish or openings on the front or sides.
- 354 Vertical:**
 This subclass is indented under subclass 353.
 Design wherein the texture is up-and-down type lines or openings on the front or sides.
- 355 Horizontal:**
 This subclass is indented under subclass 353.
 Design wherein the texture is side-to-side type lines or openings on the front or sides.
- 356 Peripheral equipment:**
 This subclass is indented under subclass 300.
 Design for auxiliary device that works in conjunction with a computer.
- 357 Converter or interface:**
 This subclass is indented under subclass 356.
 Design for a device that converts or promotes electronic data from one code or form into another.
- 358 Transmitter or receiving unit:**
 This subclass is indented under subclass 356.
 Design for a device that sends or collects an electronic signal from one computer to another.
- 359 Perforated media reader or perforator:**
 This subclass is indented under subclass 356.
 Design for computer input device that relies on punched index-like cards or punched tape.
 (1) Note. Includes mark-sensitive type card.
- 360 Tape specific:**
 This subclass is indented under subclass 359.
 Design for input device specific to perforated continuous narrow, perforated strip.
- 361 Tape reader or drive:**
 This subclass is indented under subclass 356.
 Design for input device specific to magnetic or

- optical or digital continuous narrow strip input or storage device.
- 362 Desk top type:**
This subclass is indented under subclass 361.
Design for input device for optical tape device specific to tabletop use.
- (1) Note. The term “desktop” refers to the size of computer components of a “desktop” computer.
- 363 Disc drive or reader:**
This subclass is indented under subclass 356.
Design for input device specific to thin, flat circular plate type input media.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
260.1, for tray for optical or magnetic disc.
- 364 Library cabinet type:**
This subclass is indented under subclass 363.
Design for disc drive that provides for an array of discs and includes storage area.
- SEE OR SEARCH CLASS:
D6, Furnishings, for computer furniture including furniture for computer such as chair, desk, or work surface; subclasses 407 through 635 for audio-visual or information recording media storage cabinet or container.
- 365 Desktop:**
This subclass is indented under subclass 363.
Design for input device for disc type input device specific to tabletop use.
- (1) Note. The term “desktop” refers to the size of computer components of a “desktop” computer.
- 366 And distended tray or compartment:**
This subclass is indented under subclass 365.
Design that includes a member that extends from the body of the drive to hold or contain a disc.
- 367 Module type:**
This subclass is indented under subclass 365.
Design for mounting within a hard drive enclosure or housing.
- 368 Front loading:**
This subclass is indented under subclass 365.
Design that provides for the disc to be inserted into a slot on the front of the design.
- 369 Provision for plural disc:**
This subclass is indented under subclass 368.
Design that provides for two or more discs on the front of the design.
- 370 Media loader or copier:**
This subclass is indented under subclass 356.
Design that holds plural number of media cartridges, floppy discs, or other media and sequentially dispenses them into a drive.
- (1) Note. Includes copier.
- 371 Monitor:**
This subclass is indented under subclass 356.
Design for screen type receiver or device that accepts video signals from a computer and displays information on a screen.
- (1) Note. Includes liquid crystal screen.
- 372 Head mounted:**
This subclass is indented under subclass 371.
Design intended to be worn or mounted on a human head.
- (1) Note. Includes “virtual reality” type viewing monitor.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
248, 249, for headset.
- 373 Plural screen:**
This subclass is indented under subclass 371.
Design that includes more than one display.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
306, for main frame freestanding console with plural monitor.
- 374 Flat type:**
This subclass is indented under subclass 371.
Design that has a thin body or wherein the depth of the body is substantially less than its width.

375 And adjustable base or support:

This subclass is indented under subclass 373.
Design that includes a holding member that may be moved to an alternate position at the will of the user.

376 And adjustable base:

This subclass is indented under subclass 370.
Design that includes a base member that may be moved to an alternate position at the will of the user.

377 Swivel type:

This subclass is indented under subclass 376.
Design where in the monitor pivots or swings in relationship with the base member.

378 Controls at side of screen:

This subclass is indented under subclass 377.
Design wherein knob or button members are positioned at either side of the monitor display.

379 Controls at base of screen:

This subclass is indented under subclass 377.
Design wherein knob or button members are positioned at the base of the monitor display area or on the base of the monitor.

380 Circular or oval control member:

This subclass is indented under subclass 377.
Design wherein the knob or button members show a round or ovoid configuration.

381 Controls on side:

This subclass is indented under subclass 371.
Design wherein knob or button members are positioned at the side of the monitor display.

382 Controls on base:

This subclass is indented under subclass 371.
Design wherein knob or button members are positioned at the base of the monitor or on the monitor base member.

383 Personal access or verification type:

This subclass is indented under subclass 356.
Design for computer type security device that permits access to restricted area or to user access of data.

(1) Note. Includes fingerprint and retinal verification equipment.

384 Fingerprint or retinal verification type:

This subclass is indented under subclass 383.
Design that verifies the contours of the fingertip surface or the contours of the retina of the eye.

SEE OR SEARCH CLASS:

283, Printed Matter, subclasses 68 through 70, 74, 75, 78 for fingerprint reader.
356, Optics: Measuring and Testing,, subclass 71 for fingerprint pattern analysis or verification.

385 Card type:

This subclass is indented under subclass 383.
Design for device that reads identification type document.

(1) Note. Includes smart card reader, encoder, and credit card reader and magnetic swipe.

SEE OR SEARCH CLASS:

D19, Office Supplies: Artists and Teachers Materials, subclasses 9, 10 for credit card or identification card

386 Checkreader specific:

This subclass is indented under subclass 383.
Design for reading data applied to personal check or banknote.

SEE OR SEARCH CLASS:

D18, Printing and Office Machinery, subclasses 5 for check writer.

387 Including keypad:

This subclass is indented under subclass 382.
Design that includes a keypad.

388 Operator interface or control:

Design under subclass 356 used to enter or manipulate data.

(1) Note. For a design to be classified in this subclass or indented under this subclass, it cannot include a monitor. Designs that include a monitor are classified as computer terminals and are classified in the subclasses for computers.

- SEE OR SEARCH THIS CLASS, SUB-CLASS:
 420 through 431, for scanner.
 218, for remote control.
- SEE OR SEARCH CLASS:
 D13, Equipment for Production, Distribution, or Transformation of Energy, subclass 168 for generic remote control.
- 389 Digitizer or touch plate:**
 This subclass is indented under subclass 388.
 Design that input data by operator touching of a screen with the finger.
- (1) Note. Includes stylus type.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
 341 through 346, for type pocket computer.
 370 through 381, for computer monitor.
 420 through 431, for stylus for scanner or bar code reader.
- 390 And keypad:**
 This subclass is indented under subclass 389.
 Design that includes input button member or members.
- 391 Keyboard with chord type for fixed hand configuration:**
 This subclass is indented under subclass 388.
 Design that shows a set location or contour for the wrist and palm members yet promotes finger access to key members.
- 392 Keyboard with conventional key arrangement:**
 This subclass is indented under subclass 392.
 Design for a housing for keys arranged in a manner like a standard typewriter.
- (1) Note. Includes housing.
- SEE OR SEARCH CLASS:
 D18, Printing and Office Machinery, subclasses 1 through 12 for typewriter or calculator.
- 393 Divided or split axis:**
 This subclass is indented under subclass 392.
 Design for a keyboard wherein the keys are aligned on a “V” axis or may be split or separated to provide ergonomic hand placement.
- 394 Adjustable:**
 This subclass is indented under subclass 393.
 Design wherein the keyboard separation may be physically moved to alternate positions for operator comfort.
- 395 And piano type keys or keyboard:**
 This subclass is indented under subclass 392.
 Design that includes piano type key members or a piano type keyboard arrangement.
- SEE OR SEARCH CLASS:
 D17, Musical Instruments, subclasses 1 through 8 for musical instruments with keyboard.
- 396 Plural key array:**
 This subclass is indented under subclass 392.
 Design that includes more than one grouping of keys with distinct spacing between groups.
- 397 And trackball:**
 This subclass is indented under subclass 396.
 Design that includes spherical member for cursor adjustment.
- 398 And circular or oval member:**
 This subclass is indented under subclass 396.
 Design that includes a round or oval key or other member.
- (1) Note. Excludes fastener member.
- 399 Keypad type:**
 This subclass is indented under subclass 388.
 Design that includes key members not arranged in a standard typewriter keyboard configuration.
- 400 Computer game specific:**
 This subclass is indented under subclass 399.
 Design for keypad for playing an electronic amusement type activity only.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
 412 through 416, for joystick.

- 417, for trackball.
418, for video gun type.
- 401 Provision for two hands:**
This subclass is indented under subclass 400.
Design configured for use simultaneously by both hands.
- 402 Mouse:**
This subclass is indented under subclass 388.
Design for hand held cursor placement tool intended to be rolled against a flat surface or “mouse” pad for use in selecting operations or the manipulation of text or graphics.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
454, for element or attachment, including cover.
- 403 Simulative:**
This subclass is indented under subclass 402.
Design that includes an ornamental feature or features that show the ornamental appearance of another article either as applied ornamentation or overall form.
- (1) Note. The search for food products that simulate the appearance of another object should also include the appropriate Design Class and Subclass(es) for the actual object being simulated.
- 404 And alignment aid (e.g., cross hairs, etc.):**
This subclass is indented under subclass 402.
Design that includes a device or cross hairs to aid in exact placement of the cursor.
- 405 And hand grip:**
This subclass is indented under subclass 402.
Design with a provision for the human hand to wrap-around or encircle the housing.
- 406 And array of keys:**
This subclass is indented under subclass 402.
Design that includes additional key members for functions in addition to cursor placement or control.
- (1) Note. The additional keys may be for calculation or other functions unrelated to placement of the cursor member.
- 407 Substantially rectangular in plan:**
This subclass is indented under subclass 402.
Design that shows four generally flat sides as viewed from the top or looking down on the design.
- 408 Substantially circular or oval in plan:**
This subclass is indented under subclass 402.
Design that is generally round as viewed from the top or looking down on the design.
- 409 Asymmetrical in plan:**
This subclass is indented under subclass 402.
Design that shows an unbalanced configuration on the sides as viewed from the top or looking down on the design.
- 410 Flared at one end:**
This subclass is indented under subclass 402.
Design wherein the housing expands flares outwardly at one end.
- 411 Stylus:**
This subclass is indented under subclass 388.
Design for sharp pointed tool for exact placement of the cursor.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
342, for pocket type computer including stylus.
431, for scanner type stylus.
- 412 Joystick:**
This subclass is indented under subclass 388.
Design manual cursor, stick type control device that pivots in all directions.
- 413 And stable base:**
This subclass is indented under subclass 412.
Design that is attached to a substantially flat support member.
- 414 Plural grip:**
This subclass is indented under subclass 412.
Design that includes two handle members.
- 415 Grip includes button:**
This subclass is indented under subclass 412.
Design that shows a control member on the stick or control member.

- 416 Provision for finger:**
This subclass is indented under subclass 415.
Design wherein the grip member is contoured to accommodate placement of the hand or fingers.
- 417 Trackball:**
This subclass is indented under subclass 388.
Design that includes a spherical member that is rolled against the hand to place the cursor.
- 418 Video gun type:**
This subclass is indented under subclass 388.
Design that is in the general form of a pistol or rifle.

SEE OR SEARCH CLASS:
D21, Games, Toys, and Sports Goods, subclasses 572 through 575 for toy gun or rifle.
- 419 Foot operated:**
This subclass is indented under subclass 388.
Design for operation by the leg extremity.
- 420 Scanner or bar code reader:**
This subclass is indented under subclass 356.
Design for inputting data into a computer system by use of light or ruby laser pulse.

SEE OR SEARCH THIS CLASS, SUB-CLASS:
385, for card reader.
386, for check reader.
- 421 Console type:**
This subclass is indented under subclass 420.
Design that is mounted in a floor type cabinet.
- 422 Moving document type:**
This subclass is indented under subclass 420.
Design that moves or manipulates a document image in order to input data.
- 423 Lens parallel and elevated:**
This subclass is indented under subclass 420.
Design that employs an optical input member that is raised above the document source.
- 424 Platen:**
This subclass is indented under subclass 420.
Design that includes a specific area where the input document is placed.
- 425 And cover:**
This subclass is indented under subclass 424.
Design that includes a door member that is raised or moved to cover the platen and hold the input document in place.
- 426 Hand held:**
This subclass is indented under subclass 420.
Design that may be placed and used in the human hand.

(1) Note. Includes finger or wrist.
- 427 Hand or finger attached:**
This subclass is indented under subclass 426.
Design that is mounted or fastened to an appendage of the wrist.

(1) Note. Includes ring mounted type.
- 428 Pistol grip:**
This subclass is indented under subclass 426.
Design that is shaped to fit and be held in the human hand in the manner of a pistol.
- 429 And keypad or plural array of keys:**
This subclass is indented under subclass 428.
Design that includes a plural array of key members.
- 430 Enclosed grip:**
This subclass is indented under subclass 426.
Design that includes a handle member that loops around to substantially surround the human hand.
- 431 Stylus type grip:**
This subclass is indented under subclass 426.
Design that is held like a writing or marking instrument.

SEE OR SEARCH THIS CLASS, SUB-CLASS:
342, for hand held computer that includes a stylus.
411, for stylus type.
- 432 Element or attachment:**
This subclass is indented under subclass 432.
Design directed to parts or accessories for designs classified in subclasses 300 through 431.

- SEE OR SEARCH THIS CLASS, SUB-CLASS:
242, for modem.
- SEE OR SEARCH CLASS:
D18, Printing and Office Machinery, sub-classes 46 through 49 for document handler, subclasses 50 - 59 for printing equipment.
- 433 Adapter, connector or coupler:**
This subclass is indented under subclass 432.
Design directed to mechanical element that attaches or permits attachment of computer parts or members to one another.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
484, for tape reel, reel adapter, spool or hub.
- 434 Docking station or memory expansion base:**
This subclass is indented under subclass 432.
Design for attaching the hard drive of a lap top to another hard drive, or for permitting increased memory size.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
435, for memory card or cartridge.
- 435 Cartridge, chip, or card:**
This subclass is indented under subclass 432.
Design for a small unit containing memory or a program designed to be attached or plugged into a computer.
- 436 Card type:**
This subclass is indented under subclass 435.
Design for a thin register for holding memory.
- 437 ICU chip:**
This subclass is indented under subclass 432.
Design for an integrated circuit component.
- 438 Three or more contacts:**
This subclass is indented under subclass 435.
Design that includes more than two port members or terminals.
- 439 For computer:**
This subclass is indented under subclass 432.
Design specific to programmable electronic machine that performs high-speed mathematical or logical operations, and stores, correlates, and electronically processes information.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
260.1, for tray for magnetic or optical disc.
300 through 355, for computer housing.
- SEE OR SEARCH CLASS:
D18, Printing and Office Machinery, sub-classes 45 through 49 for paper feed apparatus.
- 440 Cover:**
This subclass is indented under subclass 439.
Design specific to accessory type enclosure for programmable electronic machine that performs high-speed mathematical or logical operations, and stores, correlates, and electronically processes information.
- (1) Note. Includes sound deafening enclosure.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
472, for cover for teletype apparatus.
- 441 Door or panel:**
This subclass is indented under subclass 439.
Design for substantially flat member used for the front or side of a programmable electronic machine that performs high-speed mathematical or logical operations, and stores, correlates, and electronically processes information.
- 442 Disc, floppy, or tape specific:**
This subclass is indented under subclass 441.
Design directed to a computer disc, floppy or tape drive.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
361 through 369, for tape or disc drive peripheral unit.
- 443 Control type:**
This subclass is indented under subclass 441.
Design directed to panel insert that includes buttons, dials, or members to operate a computer.

- SEE OR SEARCH THIS CLASS, SUB-CLASS:
257, for front panel or dial for audio-visual and telecommunications equipment.
- 444 Including surface texture:**
This subclass is indented under subclass 441.
Design that includes areas of different ornamental finish or openings.
- 445 Horizontal:**
This subclass is indented under subclass 444.
Design wherein the ornamentation traverses from one side to the other.
- 446 Vertical:**
This subclass is indented under subclass 444.
Design wherein the ornamentation is up-and-down lines or openings.
- 447 Support or base:**
This subclass is indented under subclass 439.
Design for holding or mounting a computer hard drive.
- 448 For monitor:**
This subclass is indented under subclass 432.
Design for screen type receiver or device that accepts video signals from a computer and displays information on a screen.
- SEE OR SEARCH CLASS:
D19, Office Supplies: Artists and Teachers Materials, subclasses 86 through 92 for document or copy holder.
- 449 Hood or visor:**
This subclass is indented under subclass 448.
Design for shade type projection attachment for a monitor.
- 450 Bezel or shield:**
This subclass is indented under subclass 448.
Design for glare guard or surround for the display area or screen of a monitor.
- 451 Support or base:**
This subclass is indented under subclass 448.
Design for holding or mounting a computer monitor.
- 452 Adjustable arm type:**
This subclass is indented under subclass 448.
Design for holding or mounting a computer monitor that includes a swinging or extension type support that may be placed in different positions.
- 453 For scanner or bar code reader:**
This subclass is indented under subclass 432.
Design directed to elements or attachments of the subject matter found in subclasses 420 through 431.
- 454 For controller:**
This subclass is indented under subclass 432.
Design directed to keyboard, joystick, mouse, touchpad, or other cursor control member.
- 455 Keyboard or keypad:**
This subclass is indented under subclass 454.
Design for holding or cradling a keyboard or keypad.
- 456 Key:**
This subclass is indented under subclass 455.
Design for individual finger button member.
- (1) Note. Includes top surface of key or key set.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
472, 473, for telegraph or telegraph key.
- 457 Support:**
This subclass is indented under subclass 455.
Design for keyboard or keypad holder.
- 458 Mouse pad:**
This subclass is indented under subclass 454.
Design a flat surface that a mouse type cursor control is rolled against.
- 459 And elevated wrist support:**
This subclass is indented under subclass 458.
Design that includes a raised area for holding the bottom of the hand.
- 460 Wrist support:**
This subclass is indented under subclass 454.
Design that holds the bottom of one hand at an elevated area during keyboard operations.

- 461 Elongated:**
This subclass is indented under subclass 460.
Design that holds the bottom of both hands.
- 462 FACSIMILE EQUIPMENT:**
This subclass is indented under the class definition. Design for the electronic transmission of paper document.
- (1) Note. Data may be transmitted by radio, wire, or telephone.
- SEE OR SEARCH CLASS:
D10, Measuring, Testing,, or Signalling Instruments, subclass 61 for graphic recorder; subclasses 46-121 for instrument or apparatus for measuring or Testing.,
D13, Equipment for Production, Distribution, or Transformation of Energy, subclasses 133 through 157 for electrical connector; subclass 168 for generic type, hand held remote control; subclass 180 for electron tube; subclass 182 for transistor, semi-conductor, or integrated circuit.
- 463 Console or floor type:**
This subclass is indented under subclass 462.
Design for floor mounted cabinet.
- 464 Platen:**
This subclass is indented under subclass 462.
Design that includes a cover or lid for document.
- 465 And handle or provision for carrying:**
This subclass is indented under subclass 462.
Design that includes a member for holding or lifting.
- 466 And handset or cradle therefor:**
This subclass is indented under subclass 462.
Design that includes a hand-held telephone type receiver.
- 467 Handset located at side:**
This subclass is indented under subclass 466.
Design wherein the telephone receiver is cradled or placed on the upper surface of the design at one side.
- 468 And distended document tray or support:**
This subclass is indented under subclass 466.
Design that includes a member that extends from the body of the design for holding a document.
- 469 Distended document tray or support:**
This subclass is indented under subclass 462.
Design that includes a member that extends from the body of the design for holding a document.
- 470 Plural:**
This subclass is indented under subclass 469.
Design that includes more than one document support.
- 471 Element or attachment:**
This subclass is indented under subclass 462.
Design directed to parts or accessories for designs classified in subclasses 462 through 469.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
242, for accoustic coupler or modem.
248, 249, for handset.
- SEE OR SEARCH CLASS:
D18, Printing and Office Machinery, subclasses 46 through 49 for document handler (e.g., sorter, feeder, or receiver, etc.); subclasses 47, 48 for sheet or copy sorter; subclasses 50-55 for computer printer, printing machine, or press.
- 472 TELEGRAPH EQUIPMENT:**
This subclass is indented under the class definition. Design for communicating by sending audible electronic impulses over wire.
- (1) Note. Includes teletype and telex machine.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
462 through 470, for facsimile equipment.
- SEE OR SEARCH CLASS:
D10, Measuring, Testing, or Signalling Instruments, subclass 61 for graphic recorder.

- 473 Light pulse type:**
This subclass is indented under subclass 472.
Design specifically intended the transmission of Morse Code information by the flashing of light.
- SEE OR SEARCH CLASS:
D26, Lighting, subclasses 37 through 50 for hand held lantern or flashlight.
- 474 RECORDING MEDIA OR CARRIER:**
This subclass is indented under the class definition. Design for mechanical media for capturing data, audible sounds, photographic images, or carriage therefor.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
435 through 438, for game type cartridge.
- SEE OR SEARCH CLASS:
D6, Furnishings, subclasses 407 through 635 for audio-visual or information recording media storage cabinet or container.
D9, Packages and Containers for Goods, subclasses 414 through 433 for packaging type box container.
D10, Measuring, Testing, or Signalling Instruments, subclass 61 for graphic recorder.
D16, Photography and Optical Equipment, subclasses 200 through 220 for camera, TV camera and computer type camera; subclasses 221-236 for projector or viewer.
- 475 Cassette for tape:**
This subclass is indented under subclass 474.
Design for case for flat filament used for data, audio, or video recorders, players, or similar equipment.
- SEE OR SEARCH CLASS:
D18, Printing and Office Machinery, subclass 44 for film container or cassette for copy machine.
- 476 Dual reel:**
This subclass is indented under subclass 475.
Design that includes two visible spools or tape holding members.
- 477 And integral cover (e.g., videocassette, etc.):**
This subclass is indented under subclass 475.
Design that includes a built-in door type member that covers and protects the tape when not in use.
- (1) Note. Includes videocassette.
- 478 Disc type (e.g., CD-ROM, floppy disc, etc.):**
This subclass is indented under subclass 474.
Design for round floppy disc, CD-ROM, record, or the like.
- 479 And rectangular cover (e.g., floppy, etc.):**
This subclass is indented under subclass 478.
Design that includes a jacket member.
- (1) Note. Includes floppy disc.
- 480 And visible shutter:**
This subclass is indented under subclass 479.
Design that includes a sliding cover member that protects the interior disc when not in use.
- 481 Photographic film type cartridge or cassette:**
This subclass is indented under subclass 474.
Design for photographic film cartridge or cassette or photographic images.
- (1) Note. Includes microfilm and X-ray.
- SEE OR SEARCH CLASS:
D6, Furnishings, subclasses 407 through 635 for audio-visual or information recording media storage cabinet or container.
- 482 Transparency or mount:**
This subclass is indented under subclass 481.
Design for film type photographic image or surround type holder therefor.
- (1) Note. Includes microfiche.
- 483 Element or attachment:**
This subclass is indented under subclass 474.
Design directed to parts or accessories for designs classified in subclasses 474 through 482.
- (1) Note. Includes cover or case.

- SEE OR SEARCH CLASS:
D6, Furnishings, subclasses 407 through 635 for audio-visual or information recording media storage cabinet or container.
- 484 Reel, spool, or hub:**
This subclass is indented under subclass 483.
Design directed to cylinder upon which media is wound.
- (1) Note. Includes adapter.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
260, for element or attachment for magnetic tape equipment.
- 485 GENERATED IMAGE:**
This subclass is indented under the class definition. Design for electronically produced symbol for computer that may be viewed on a computer screen.
- (1) Note. Includes full screen menu.
- SEE OR SEARCH CLASS:
345, Computer Graphics Processing, Operator Interface Processing, and Selective Visual Display Systems, subclasses 619 through 689 and 762-862 for graphical object processing, especially subclasses 763, 835-839, and 846-847 for graphical processing involving icons, and subclasses 194-195, 441-472.3, and 947 for graphical processing of a character or font.
- 486 Drop down menu or full screen menu type:**
This subclass is indented under subclass 485.
Design for image that fills the entire display area of a computer screen or within a strictly defined area therein.
- SEE OR SEARCH CLASS:
345, Computer Graphics Processing, Operator Interface Processing, and Selective Visual Display Systems, subclasses 810 through 845 and 902 for graphical menu processing, and subclasses 841-843 for dropdown menus.
- 487 Button bar or scroll type:**
This subclass is indented under subclass 485.
Design for a horizontally or vertically linked array of symbols within a defined area of a computer screen.
- 488 Plural image or array:**
This subclass is indented under subclass 485.
Design for distinct, separate, plural images or symbols.
- SEE OR SEARCH CLASS:
345, Computer Graphics Processing, Operator Interface Processing, and Selective Visual Display Systems, subclasses 619 through 689 and 762-862 for graphical object processing, especially subclasses 835-839 for a graphical user interface involving an icon array.
- 489 Icon:**
This subclass is indented under subclass 485.
Design for a single electronic generated symbol.
- SEE OR SEARCH CLASS:
345, Computer Graphics Processing, Operator Interface Processing, and Selective Visual Display Systems, subclasses 835 through 839 for a graphical user interface involving an icon array, and subclasses 846-847 for icons that are not arrayed.
- 490 And letter, number, or word:**
This subclass is indented under subclass 489.
Design that includes a symbol or symbols from the alphabet and/or an Arabic or Roman numeral or numerals.
- 491 Including arrow:**
This subclass is indented under subclass 489.
Design that includes a pointing type directional indicator.
- 492 Simulative:**
This subclass is indented under subclass 489.
Design that includes an ornamental feature or features that shows the ornamental appearance of another article either as applied ornamentation or overall form.

- (1) Note. The search for food products that simulate the appearance of another object should also include the appropriate Design Class and subclass(es) for the actual object being simulated. END

493 Document:

This subclass is indented under subclass 492.
Design that simulates a sheet of paper.

- (1) Note. Includes folder or envelope.

494 Animate:

This subclass is indented under subclass 492.
Design that simulates animal life.

- (1) Note. Includes part such as hand, finger, or heart.

495 Humanoid:

This subclass is indented under subclass 494.
Design that simulates human form.

496 VIDEO OR AUDIO TRANSMISSION, RECORDING OR PLAYBACK EQUIPMENT:

This subclass is indented under the class definition. Design for mechanical or electronic machine for transmitting or reproducing visual images or audible sounds.

CROSS-REFERENCE ART COLLECTIONS

900 Kiosk type information terminal:

Collection of design and utility patents that show a free-standing structure, often open on one of more sides, that includes a computer screen or monitor used for the public display or posting of information.

901 Bank teller terminal:

Collection of design and utility patents that show a computer or a computer monitor for use by a financial worker such as an accountant or bank attendant to electronically conduct or display financial transactions or information.

902 Consumer transaction terminal:

Collection of design and utility patents that show a computer or computer monitor for electronically conducting or displaying sale information or commercial type business activities.